Ms. Ann Marie Phillips

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An accomplished researcher in systems, devices and
methods for containment of buried waste

Phone: (208) 526-6877
E-mail: annmarie.phillips@inl.gov

Education: Ms. Phillips received her B.S. in Mechanical Engineering from the University of Minnesota in 1984. Since then, she has taken classes from Stanford University and the University of Idaho.

Licensing information

For information on licensing INL technologies such as those developed by Ms. Phillips, contact the Lead Account Executive for Environmental:

Gary Smith
Phone: (208) 526-3780
E-mail: gary.smith@inl.gov

Work experience: Ms. Phillips is an Advisory Engineer in the Environmental Systems Department at the Idaho National Engineering and Environmental Laboratory. Ms. Phillips has been employed at the INEEL since 1992. Prior to joining the INEEL, Ms. Phillips spent eight years at Hewlett Packard, where she performed manufacturing and design engineering for high frequency spectrum analyzers.

Professional endeavors: Ms. Phillips has led a variety of projects ranging from buried waste containment system demonstrations to technology deployments. She also designed a quick-locking storage can for long-term storage of nuclear debris. She evaluated alternative renewable energy systems for lodges in two remote Idaho locations. She wrote an ASTM Standard Guide and a DOE protocol for re-use of concrete from nuclear facilities. Most recently, she has focused on demonstration and deployment of innovative technologies to improve efficiency of decontamination and decommissioning of nuclear facilities and fuel pools.

Patents:

U.S. Patent No. 6,648,552 – Sensor System for Buried Waste Containment Sites

U.S. Patent No. 6,016,714 – Sensor System for Buried Waste Containment Sites

U.S. Patent No. 5,961,437 – Multi-layer Waste Containment Barrier

U.S. Patent No. 5,791,825 – Device and Method for Producing a Containment Barrier Underneath and Around In-Situ Buried Waste

U.S. Patent No. 5,788,422 – Underground Barrier Construction Apparatus with Soil Retaining Shield